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APPLICANT(S): Burgess  
SERIAL NO.: 09/746,491  
FILING DATE: December 20, 2000  
FOR: Novel Proteins and Nucleic Acids Encoding Same

Assistant Commissioner for Patents  
Washington, D.C. 20231

Applicants hereby make of record the documents listed below and on the attached modified Form PTO-1449 (submitted in duplicate) in the above-identified application, copies of which are submitted herewith. This Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits in the above-identified case. Accordingly, no fee or certification is believed required. A copy of each of the references is enclosed unless otherwise indicated on the attached Form PTO-1449 (modified). Please charge any fees that may be due, or credit any overpayment of same, to Deposit Account No. 50-0311 Reference No. 15966-621 (Cura-121).

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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Modified Form 1449/PTO

# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Application Number

09/746,491

Filing Date

12/20/00

First Named Inventor

Burgess

Group Art Unit

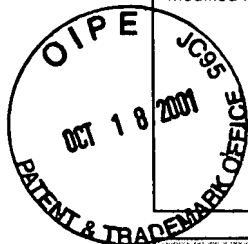
1645

Examiner Name

Not Yet Assigned

Attorney Docket Number

15966-621 (Cura-121)



## **U.S. PATENT DOCUMENTS**

Exam Initials	Cite No.	U.S. Patent Document No.	Issue Date	Name of Patentee(s) or Applicant(s)	Class	Sub Class	Filing Date If Appropriate
	A1	5,646,250	07/08/97	Suzuki			11/01/94

## **FOREIGN PATENT DOCUMENTS**

Exam Initials	Cite No.	Foreign Patent Document Office Number	Name of Patentee(s) or Applicant(s)	Date of Publication	Translation Yes No
	B1	WO 98/46755	Millennium Biotherapeutics, Inc.	10/22/98	
	B2	WO 98/57990	Onyx Pharmaceuticals, Inc.	12/23/98	

## **OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.
	C1	Chan, A. et al. (1994). "Expression cDNA cloning of a novel oncogene with sequence similarity to regulators of small GTP-binding proteins." <u>Oncogene</u> 9: 1057-1063.
	C2	Chan, A. et al., (1994). "Expression cDNA cloning of a novel oncogene with sequence similarity to regulators of small GTP-binding proteins." <u>Oncogene</u> 9: 1057-1063. GenBank Accession Number: Q12774
	C3	Collier, R. (2001). Direct Submission. GenBank Accession Number: Q05701 (CAC18886)
	C4	Duprat, F. et al. (1997). "TASK, a human background K+ channel to sense external pH variations near physiological pH." <u>Embo J</u> 16: 5464-5471.
	C5	Duprat, F. et al. (1997). "TASK, a human background K+ channel to sense external pH variations near physiological pH." <u>Embo J</u> 16: 5464-71. GenBank Accession Number: AF006823
	C6	Kaneko, K. and DePamphilis, M. (2000). "Soggy, a spermatocyte-specific gene, lies upstream of and antipodal to TEAD-2, a transcription factor expressed at the beginning of mouse development." <u>Nucleic Acids Res.</u> 28 (20): 3982-3990. GenBank Accession Number: AAG21340
	C7	Kaneko, K. and DePamphilis, M. (2000). "Soggy, a spermatocyte-specific gene, lies upstream of and antipodal to TEAD-2, a transcription factor expressed at the beginning of mouse development." <u>Nucleic Acids Res.</u> 28 (20): 3982-3990. GenBank Accession Number: AAG21341
	C8	Kim, D. et al. (1998). "Cloning and functional expression of a novel cardiac two-pore background K+ channel." <u>Circ. Res.</u> 82 (4): 513-518. GenBank Accession Number: O35111
	C9	Kools, P. and VanRoy, F. (1999). "Identification and characterization of a novel human cadherin with similarity to N-cadherin." Direct Submission. GenBank Accession Number: AF169690
	C10	Krupnik, V. et al. (1999). "Functional and structural diversity of the human Dickkopf gene family." <u>Gene</u> 238 (2): 301-313. GenBank Accession Number: AAF02678
	C11	Krupnik, V. et al. (1999). "Functional and structural diversity of the human Dickkopf gene family." <u>Gene</u> 238 (2): 301-313. GenBank Accession Number: NP_055234
	C12	Lovell, J. (2000). Direct Submission. GenBank Accession Number: AL118522
	C13	Online Mendelian Inheritance in Man (OMIM) Accession Number: 600888 (Downloaded 3/7/01)
	C14	Online Mendelian Inheritance in Man (OMIM) Accession Number: 601745 (Downloaded 3/7/01)

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS		
Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.
	C15	Online Mendelian Inheritance in Man (OMIM) Accession Number: <b>603219</b> (Downloaded 3/7/01)
	C16	Phillips, S. (1998). Direct Submission. GenBank Accession Number: <b>AL024508</b>
	C17	Rajan, S. et al. (2000). "TASK-3, a novel tandem pore domain acid-sensitive K <sup>+</sup> channel. An extracellular histidine as pH sensor." <u>J. Biol. Chem.</u> 275 (22), 16650-16657. GenBank Accession Number: <b>AF212827</b>
	C18	Reid, R. and Hemperley, J. (1990). "Human N-cadherin: nucleotide and deduced amino acid sequence." <u>Nucleic Acids Res.</u> 18 (19): 5896. GenBank Accession Number: <b>P19022</b>
	C19	Sasaki, S. et al. (1996). "Isolation and Characterization of a Candidate Gene for Human RT Neuroblastoma Mapped to 1p36.3, NBR: a New Member of the Rho/Rac GEF RT Family." GenBank Accession Number: <b>Q99434</b>
	C20	Vega-Saenz de Miera, E. et al. (2000). "KT3.2 and KT3.3 Two Novel Human Two Pore K <sup>+</sup> Channels Closely Related to TASK1." Direct Submission. GenBank Accession Number: <b>AF257081</b>
	C21	Vega-Saenz de Miera, E. et al. (2000). "KT3.2 and KT3.3 Two Novel Human Two Pore K <sup>+</sup> Channels Closely Related to TASK1." Direct Submission. GenBank Accession Number: <b>NM_022358</b>
	C22	Williams, S. (2000). Direct Submission. GenBank Accession Number: <b>HS223B1</b>
	C23	Williams, S. (1998). Direct Submission. GENEMBL Accession Number: <b>AL031943</b> .
	C24	Nomura, N. et al. (1994). "Prediction of the coding sequences of unidentified human genes. II. The coding sequences of 40 new genes deduced by analysis of cDNA clones from human cell line KG-1." <u>DNA Research</u> 1: 223-229.
	C25	Partial International Search Report, issued July 20, 2001.

\* a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No. \_\_\_\_\_, filed \_\_\_\_\_, and relied upon for an earlier filing date under 35 U.S.C. §120 (continuation, continuation-in-part, and divisional applications).

Examiner Signature		Date Considered	
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered.

Include copy of this form with next communication to applicant.